

Abstract

5 A nozzle or tip for use in precision dispensing  
systems which provides a continuous, uninterrupted flow  
of fluid therethrough. The tip comprises a body having  
an inlet at one end adapted for connection to a  
dispensing head or pump and an outlet at the other end  
for positioning adjacent a location on the surface onto  
10 which the fluid is to be dispensed. A passage in the  
body of the tip connects the inlet to the outlet, and is  
shaped to conduct fluid from the inlet to the outlet in  
a continuous and uninterrupted manner. The passage has  
a converging portion extending from the inlet to an  
15 intermediate location in the body and a constant  
diameter portion joining the converging portion to the  
outlet. The body of the tip is of ceramic material,  
preferably injection molded ceramic material. The tip  
can be fitted in a metal housing which can be provided  
20 with a standoff pin for spacing the outlet end of the  
tip from the surface onto which fluid is to be  
dispensed.